



City of Albuquerque
Environmental Health Department
Consumer Health Protection Division
One Civic Plaza - P.O. Box 1293
Albuquerque, New Mexico 87103



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City of Albuquerque Requirements for "Salt Chlorine Generators"

Equipment for a public pool such as, but not limited to pumps, filters, skimmers and chemical feeders shall be **NSF/ANSI 50-2004 certified**. Pool equipment shall bear the mark of an ANSI-accredited, independent, third party conformity assessment organization such as the NSF, Underwriters Laboratories, inc. (UL), Edison Testing Laboratories (ETL) or other similar organizations.

The disinfection agent for public pools shall be registered for such use by the U.S. Environmental Protection Agency and shall be capable of being tested by a test kit.

Technical Data Sheets for the salt chlorine generator must be available and provided to City Environmental Health representatives either at the time of equipment installation or pool inspection. Equipment should be installed by a properly licensed contractor with a valid permit. A facilities failure to demonstrate that the salt generation equipment is installed properly and designed to perform as required below in a commercial application may result in pool permit suspension until requirements are satisfied.

For all classifications of public pools, salt chlorine disinfection equipment shall:

- (1) Be capable of feeding at least one pound equivalent chlorine per fifteen thousand gallons of pool capacity per twenty-four hours; or,
- (2) Be capable of feeding at least two and one forth pounds of bromine per fifteen thousand gallons of pool capacity per twenty-four hours where bromine sanitation is applicable.
- (3) **Salt Generators must be designed and rated for "commercial use" and designed to operate 24 hours a day and 7 days a week.**
- (4) Salt Generators must be capable of maintaining proper residual disinfectant levels and producing higher levels for breakthrough or shocking if additional disinfectant is not available from an alternate or supplemental source.
- (5) Hand dosing of additional chemicals is not allowed by City Ordinance.
- (6) Facility must be capable of ensuring proper salt concentrations.

Required chemical concentrations:

- (1) The free available chlorine in pools, except spas and spray pads, shall be maintained between 1.0-ppm free available chlorine and 5.0 ppm free available chlorine.
- (2) The free available chlorine in spas and spray pads shall be maintained between 2.0 ppm free available chlorine and 5.0 ppm free available chlorine.
- (3) The combined chlorine in all pools shall not exceed 0.5 ppm.
- (4) The cyanuric acid shall not exceed 100 ppm. Cyanuric acid shall not be used in indoor public pools.